

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, All U.S., 2013

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Total	4,405	1,733	633	796	304	2,196	1,153	39	84	408	131	202	179
Violence and other injuries by persons or animals	753	116	47	33	36	511	215	7	36	63	34	108	48
Intentional injury by person	667	80	22	26	32	476	202	6	35	59	29	98	47
Intentional injury by other person	397	29	10	11	8	312	135	3	24	31	14	76	29
Shooting by other person--intentional	316	24	10	7	7	243	106	--	16	27	10	58	24
Stabbing, cutting, slashing, piercing	38	--	--	--	--	37	15	--	6	--	3	9	--
Hitting, kicking, beating, shoving	20	--	--	--	--	16	5	--	--	--	--	5	--
Bombing, arson	2	--	--	--	--	2	--	--	--	--	--	2	--
Multiple violent acts by other person	10	--	--	--	--	7	4	--	1	--	--	--	--
Self-inflicted injury--intentional	270	51	12	15	24	164	67	3	11	28	15	22	18
Shooting--intentional self-harm	128	25	8	9	8	67	24	--	6	14	7	8	7
Hanging, strangulation, asphyxiation--intentional self-harm	99	22	3	6	13	67	31	--	3	8	7	11	6
Jumping from building or other structure--intentional self-harm	13	--	--	--	--	7	--	--	1	1	--	--	--
Cutting, stabbing--intentional self-harm	6	--	--	--	--	5	--	--	--	--	--	--	--
Inhalation of substance--intentional self-harm	10	--	--	--	--	5	--	--	--	1	--	--	--
Injury by person--unintentional or intent unknown	51	12	3	6	3	26	10	--	1	--	5	7	--
Injury by other person--unintentional or intent unknown	16	--	1	--	--	7	--	--	1	--	--	--	--
Shooting by other person--unintentional	6	1	1	--	--	--	--	--	1	--	--	--	--
Self-inflicted injury--unintentional or intent unknown	35	10	--	5	3	19	8	--	--	--	5	5	--
Drug overdose--intent unknown	27	10	--	5	3	15	6	--	--	--	5	3	--
Animal and insect related incidents	35	24	22	--	1	9	3	--	--	--	--	3	--
Bites and stings	10	5	4	--	--	5	--	--	--	--	--	--	--
Stings and venomous bites	8	4	3	--	--	4	--	--	--	--	--	--	--
Nonvenomous insect bites	1	1	1	--	--	--	--	--	--	--	--	--	--
Struck by animal	23	19	18	--	1	3	--	--	--	--	--	--	--
Trampled by or stepped on by animal	10	8	7	--	1	--	--	--	--	--	--	--	--
Gored or rammed by animal	3	--	--	--	--	1	1	--	--	--	--	--	--
Multiple types of animal and insect incidents	1	--	--	--	--	--	--	--	--	--	--	--	--
Bitten and struck by animal	1	--	--	--	--	--	--	--	--	--	--	--	--
Transportation incidents	1,740	565	278	203	84	992	665	17	23	131	67	41	48
Aircraft incidents	133	21	10	8	3	99	42	--	4	6	34	7	4
Pedestrian struck by aircraft or propeller	--	--	--	--	--	1	1	--	--	--	--	--	--
Aircraft crash during takeoff or landing	47	3	--	3	--	44	14	--	--	4	22	1	--
Aircraft crash during takeoff or landing--due to mechanical failure	12	--	--	--	--	12	1	--	--	--	11	--	--
Aircraft crash during takeoff or landing--into structure, object, or ground	33	3	--	3	--	30	13	--	--	3	10	1	--
Explosion or fire on aircraft	3	--	--	--	--	3	1	--	1	--	--	--	1
Aircraft crash due to low-altitude entanglement	7	--	--	--	--	4	3	--	--	--	--	1	--
Other in-flight crash	59	14	9	--	3	39	22	--	2	--	9	2	--
Other in-flight crash due to mechanical failure	11	--	--	--	--	8	--	--	2	--	--	--	--
Other in-flight crash between air vehicles	--	--	--	--	--	--	2	--	--	--	--	--	--
Other in-flight crash into structure, object, or ground	44	12	9	--	--	27	16	--	--	--	6	2	--
Parachuting incident	10	--	--	--	--	6	1	--	--	--	3	--	--
Rail vehicle incidents	41	13	6	6	1	24	19	--	--	3	--	--	1
Collision between rail vehicle and another vehicle	28	11	5	6	--	16	13	--	--	--	--	--	1
Collision between rail and roadway vehicles	25	10	5	5	--	14	11	--	--	--	--	--	1

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, All U.S., 2013

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Fall or jump from and struck by rail vehicle--transportation incident	1	1	--	--	1	--	--	--	--	--	--	--	--
Pedestrian struck by rail vehicle--transportation incident	9	1	1	--	--	5	3	--	--	--	--	--	--
Animal and other non-motorized vehicle transportation incidents	8	4	4	--	--	4	1	--	--	1	--	2	--
Animal transportation incident	7	4	4	--	--	3	1	--	--	--	--	2	--
Animal transportation collision in roadway	2	2	2	--	--	--	--	--	--	--	--	--	--
Thrown, fell, or jumped from animal being ridden	3	--	--	--	--	3	1	--	--	--	--	2	--
Thrown, tipped, or fell from animal-drawn vehicle	1	1	1	--	--	--	--	--	--	--	--	--	--
Pedal cycle incident	1	--	--	--	--	1	--	--	--	1	--	--	--
Fall from pedal cycle	1	--	--	--	--	1	--	--	--	1	--	--	--
Pedestrian vehicular incident	284	102	21	66	15	141	81	--	--	36	6	--	13
Pedestrian struck by vehicle in work zone	48	34	--	34	--	10	--	--	--	7	--	--	--
Pedestrian struck by forward-moving vehicle in work zone	34	23	--	23	--	9	--	--	--	6	--	--	--
Pedestrian struck by vehicle backing up in work zone	13	10	--	10	--	1	--	--	--	1	--	--	--
Pedestrian struck by vehicle in roadway	76	13	1	9	3	44	25	--	--	11	5	--	--
Pedestrian struck by vehicle propelled by another vehicle in roadway	4	--	--	--	--	3	--	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in roadway	63	9	1	6	--	38	21	--	--	9	5	--	--
Pedestrian struck by vehicle backing up in roadway	6	--	--	--	--	1	1	--	--	--	--	--	--
Pedestrian struck by vehicle on side of road	46	6	1	3	--	30	19	--	--	4	--	--	7
Pedestrian struck by vehicle propelled by another vehicle on side of road	5	--	--	--	--	4	3	--	--	--	--	--	1
Pedestrian struck by forward-moving vehicle on side of road	39	5	1	3	1	25	15	--	--	4	--	--	6
Pedestrian struck by vehicle in nonroadway area	105	43	17	19	7	54	35	--	--	13	--	--	3
Pedestrian struck by forward-moving vehicle in nonroadway area	47	17	4	8	5	26	14	--	--	7	--	--	3
Pedestrian struck by vehicle backing up in nonroadway area	48	23	12	9	--	23	17	--	--	6	--	--	--
Water vehicle incidents	60	33	22	8	3	23	17	--	--	--	--	--	--
Water vehicle collisions	8	4	2	--	1	4	3	--	--	--	--	--	--
Collision between water vehicles	3	--	1	--	--	1	1	--	--	--	--	--	--
Collision between water vehicle and object	5	2	1	--	1	3	2	--	--	--	--	--	--
Explosion or fire on water vehicle	1	--	--	--	--	--	--	--	--	--	--	--	--
Capsized or sinking water vehicle	10	7	5	--	--	3	--	--	--	--	--	--	--
Fall or jump from water vehicle	24	11	8	--	--	10	7	--	--	--	--	1	--
Machinery or equipment incident on water vehicle	11	8	5	2	--	3	3	--	--	--	--	--	--
Fall on water vehicle	4	--	--	--	--	--	--	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	991	236	91	96	49	643	483	13	15	67	27	12	26
Roadway collision with other vehicle	517	127	45	56	26	323	228	10	9	34	20	6	16
Roadway collision--moving in same direction	127	21	8	10	3	94	73	3	3	6	3	--	5
Roadway collision--moving in opposite directions, oncoming	178	59	20	26	13	101	72	3	--	12	7	--	6
Roadway collision--moving perpendicularly	124	29	14	12	3	69	40	3	3	11	8	--	--
Roadway collision--moving and standing vehicle in roadway	61	14	3	5	6	44	31	--	--	4	--	--	--
Roadway collision--moving and standing vehicle on side of roadway	17	4	--	3	--	9	7	--	--	--	--	1	--
Roadway collision with object other than vehicle	288	49	12	21	16	209	172	--	5	17	--	3	8
Vehicle struck object or animal in roadway	11	--	--	--	--	9	8	1	--	--	--	--	--
Vehicle struck object or animal on side of roadway	270	46	12	20	14	194	160	--	5	16	--	--	8
Vehicle struck by falling or flying object--roadway	5	--	--	--	--	4	3	--	--	--	--	1	--
Roadway noncollision incident	182	59	33	19	7	109	82	--	--	16	5	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, All U.S., 2013

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Jack-knifed or overturned, roadway	157	47	27	14	6	99	74	--	--	15	5	--	--
Ran off roadway	8	--	--	--	--	6	6	--	--	--	--	--	--
Struck by shifting load during transport, roadway	--	1	1	--	--	--	--	--	--	--	--	--	--
Fall or jump from and struck by same vehicle in normal operation, roadway	5	4	--	--	--	--	--	--	--	--	--	--	--
Fall or jump from vehicle in normal operation, roadway	8	5	--	3	--	--	--	--	--	1	--	--	--
Nonroadway incident involving motorized land vehicles	223	156	124	19	13	58	22	--	--	16	--	16	--
Nonroadway collision with other vehicle	10	--	--	--	--	7	--	--	--	--	--	3	--
Moving in same direction, nonroadway	5	1	1	--	--	4	--	--	--	--	--	3	--
Collision between a moving and standing vehicle, nonroadway	3	--	--	--	--	--	--	--	--	--	--	--	--
Nonroadway collision with object other than vehicle	34	20	15	3	--	13	7	--	--	4	--	--	--
Part of occupant's body caught between vehicle and other object in nonroadway transport incident	5	1	--	1	--	3	3	--	--	--	--	--	--
Nonroadway noncollision incident	178	133	106	16	11	38	13	--	--	11	--	11	1
Jack-knifed or overturned, nonroadway	116	89	72	11	6	22	9	--	--	6	--	4	1
Ran off driving surface, nonroadway	6	5	4	--	--	--	--	--	--	--	--	--	--
Fall or jump from and struck by same vehicle in normal operation, nonroadway	36	26	21	3	--	9	3	--	--	3	--	3	--
Fall or jump from vehicle in normal operation, nonroadway	15	10	7	--	--	4	--	--	--	1	--	--	--
Fires and explosions	148	48	23	13	12	41	18	2	--	3	--	3	11
Fires	80	15	8	6	--	21	8	2	1	1	--	--	5
Collapsing building, structure, or structural element during fire	11	--	--	--	--	2	1	--	--	--	1	--	--
Other structural fire without collapse	15	5	1	4	--	7	--	2	--	1	--	--	4
Forest or brush fire	22	3	3	--	--	--	--	--	--	--	--	--	--
Ignition of vapors, gases, or liquids	13	6	3	2	--	7	4	--	1	--	--	--	1
Explosions	68	33	15	7	11	20	10	--	--	--	--	1	6
Dust explosion	--	--	--	--	--	1	1	--	--	--	--	--	--
Explosion of nonpressurized vapors, gases, or liquids	25	14	4	6	4	10	6	--	--	1	--	--	3
Explosion of pressure vessel, piping, or tire	24	15	8	--	6	9	3	--	--	--	--	1	3
Demolition or blasting explosion	3	3	3	--	--	--	--	--	--	--	--	--	--
Falls, slips, trips	699	384	49	294	41	263	90	10	15	85	13	23	27
Slip or trip without fall	5	--	--	--	--	4	4	--	--	--	--	--	--
Trip without fall	3	--	--	--	--	3	3	--	--	--	--	--	--
Falls on same level	106	23	7	6	10	57	24	--	--	5	9	10	8
Fall on same level due to tripping	20	6	3	--	--	10	4	--	--	--	--	--	3
Fall on same level due to tripping while climbing stairs, steps, or curbs	1	--	--	--	--	1	--	--	--	--	--	--	1
Fall on same level due to tripping over an object	12	5	--	--	--	5	--	--	--	--	--	--	--
Fall on same level due to tripping over self	3	--	--	--	--	--	--	--	--	--	--	--	--
Fall on same level due to slipping	29	4	--	--	3	14	7	--	--	--	--	--	--
Falls to lower level	574	355	41	284	30	195	57	9	15	79	3	13	19
Fall from collapsing structure or equipment	44	25	--	23	--	17	5	--	1	8	--	--	--
Fall from collapsing structure or equipment 11 to 15 feet	4	2	--	2	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment 16 to 20 feet	4	3	--	3	--	1	1	--	--	--	--	--	--
Fall from collapsing structure or equipment 21 to 25 feet	4	3	--	3	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment 26 to 30 feet	4	3	--	3	--	1	--	--	1	--	--	--	--
Fall from collapsing structure or equipment more than 30 feet	19	8	--	6	--	9	--	--	--	5	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, All U.S., 2013

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Fall through surface or existing opening	69	55	3	48	4	12	--	--	3	5	--	--	--
Fall through surface or existing opening less than 6 feet	1	1	--	1	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening 6 to 10 feet	7	5	--	4	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening 11 to 15 feet	13	11	--	9	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening 16 to 20 feet	8	7	--	6	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening 21 to 25 feet	12	8	--	8	--	3	--	--	--	--	--	--	--
Fall through surface or existing opening 26 to 30 feet	10	9	--	8	1	--	--	--	--	--	--	--	--
Fall through surface or existing opening more than 30 feet	7	6	--	6	--	--	--	--	--	--	--	--	--
Other fall to lower level	453	269	37	208	24	164	49	6	11	65	3	11	19
Other fall to lower level less than 6 feet	64	20	5	9	6	38	21	--	--	7	--	--	5
Other fall to lower level 6 to 10 feet	51	33	5	25	3	18	7	--	--	3	--	--	4
Other fall to lower level 11 to 15 feet	70	46	3	41	--	22	8	--	--	7	--	1	4
Other fall to lower level 16 to 20 feet	57	39	--	33	4	18	4	--	--	9	--	1	--
Other fall to lower level 21 to 25 feet	45	38	3	33	--	6	--	--	--	4	--	--	--
Other fall to lower level 26 to 30 feet	21	13	5	6	--	7	--	--	--	--	--	--	--
Other fall to lower level more than 30 feet	63	31	4	26	1	30	--	--	--	22	--	4	3
Jumps to lower level	3	--	--	--	--	--	--	--	--	--	--	--	--
Other jump to lower level	3	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to harmful substances or environments	330	166	37	111	18	143	49	--	4	50	10	13	16
Exposure to electricity	139	94	14	71	9	41	12	--	--	20	--	--	5
Direct exposure to electricity	84	59	5	46	8	22	8	--	--	8	--	--	3
Direct exposure to electricity, 220 volts or less	26	18	--	13	4	7	--	--	--	--	--	--	--
Direct exposure to electricity, greater than 220 volts	49	33	--	28	3	14	6	--	--	6	--	1	1
Indirect exposure to electricity	52	34	9	24	--	17	4	--	--	12	--	--	--
Indirect exposure to electricity, 220 volts or less	5	3	--	3	--	2	--	--	--	2	--	--	--
Indirect exposure to electricity, greater than 220 volts	44	28	7	20	--	15	4	--	--	10	--	--	--
Exposure to temperature extremes	38	18	5	12	--	17	4	--	--	11	--	--	--
Exposure to environmental heat	34	16	5	11	--	15	3	--	--	11	--	--	--
Contact with hot objects or substances	4	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to other harmful substances	121	43	17	23	3	70	28	--	--	13	7	9	10
Nonmedical use of drugs or alcohol--unintentional overdose	81	27	9	17	--	48	18	--	--	7	7	8	7
Inhalation of harmful substance	37	15	8	6	1	20	10	--	--	4	--	--	3
Inhalation of harmful substance--single episode	37	15	8	6	1	20	10	--	--	4	--	--	3
Exposure to oxygen deficiency, n.e.c.	30	11	--	5	5	15	5	--	--	6	3	--	--
Drowning, submersion, n.e.c.	16	6	--	4	--	7	--	--	--	4	1	--	--
Choking on object or substance	8	--	--	--	--	5	3	--	--	--	--	--	--
Depletion of oxygen	5	3	--	--	--	--	--	--	--	--	--	--	--
Contact with objects and equipment	717	448	199	139	110	238	115	--	3	74	--	14	28
Struck by object or equipment	503	284	149	82	53	198	97	--	3	62	--	7	25
Struck by powered vehicle--nontransport	192	92	52	30	10	92	53	1	--	17	1	--	18
Caught between rolling powered vehicle and other object	39	17	13	--	3	19	12	--	--	4	1	--	--
Struck or run over by rolling powered vehicle	61	29	19	8	--	29	20	--	--	7	--	--	--
Struck by swinging part of powered vehicle	15	11	3	6	--	4	3	--	--	1	--	--	--
Struck by falling part of powered vehicle still attached	30	20	11	8	--	9	7	--	--	--	--	--	2
Struck by powered vehicle tipping over--nontransport	6	3	--	--	--	3	--	1	--	--	--	--	--
Struck by other falling powered vehicle	39	11	4	5	--	27	9	--	--	4	--	--	14
Struck by rolling object or equipment--other than powered vehicle	10	9	5	--	3	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, All U.S., 2013

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Struck by rolling object or equipment being pushed by injured worker	2	2	1	--	1	--	--	--	--	--	--	--	--
Struck by object or equipment rolling freely	6	6	3	--	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	245	144	76	39	29	90	35	--	--	38	--	7	7
Struck by object or equipment dropped by injured worker	3	--	1	--	--	--	--	--	--	--	--	--	--
Struck by object falling from vehicle or machinery--other than vehicle part	78	42	16	13	13	34	25	--	--	4	--	--	5
Struck by discharged or flying object	29	21	10	7	4	6	3	--	--	3	--	--	--
Struck by dislodged flying object, particle	21	16	8	6	--	5	--	--	--	3	--	--	--
Struck by discharged object or substance	4	3	1	--	--	--	--	--	--	--	--	--	--
Injured by handheld object or equipment	3	--	--	--	--	--	--	--	--	--	--	--	--
Injured by slipping or swinging object held by injured worker	--	1	--	1	--	--	--	--	--	--	--	--	--
Struck by swinging or slipping object, other than handheld	17	13	3	3	7	4	--	--	--	3	--	--	--
Struck by or caught in swinging door or gate	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck against object or equipment	4	--	--	--	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	131	105	32	21	52	26	11	--	--	9	--	3	3
Caught in running equipment or machinery	105	83	28	8	47	22	8	--	--	8	--	3	3
Caught in running equipment or machinery during maintenance, cleaning	57	43	17	3	23	14	4	--	--	6	--	--	--
Caught in running equipment or machinery during regular operation	42	34	10	5	19	8	4	--	--	--	--	1	--
Compressed or pinched by shifting objects or equipment	5	5	--	--	--	--	--	--	--	--	--	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	78	57	17	35	5	12	7	--	--	3	--	--	--
Excavation or trenching cave-in	22	18	1	17	--	--	--	--	--	--	--	--	--
Landslide	5	--	--	--	--	--	--	--	--	--	--	--	--
Struck, caught, or crushed in other collapsing structure or equipment	28	22	--	18	--	--	--	--	--	--	--	--	--
Engulfment in other collapsing material	17	14	11	--	3	3	--	--	--	--	--	--	--
Overexertion and bodily reaction	14	5	--	3	--	6	--	--	--	--	3	--	--
Overexertion involving outside sources	7	--	--	--	--	3	--	--	--	--	--	--	--
Overexertion in lifting, lowering	4	--	--	--	--	--	--	--	--	--	--	--	--
Overexertion in lifting--single episode	3	--	--	--	--	--	--	--	--	--	--	--	--
Overexertion in pushing, pulling, or turning	3	--	--	--	--	--	--	--	--	--	--	--	--
Overexertion in pushing, pulling, or turning--single episode	3	--	--	--	--	--	--	--	--	--	--	--	--
Other exertions or bodily reactions	6	--	--	--	1	3	--	--	--	--	--	--	--
Bending, crawling, reaching, twisting, climbing, stepping	--	--	--	--	1	--	--	--	--	--	--	--	--
Bending, crawling, reaching, twisting--single episode	--	--	--	--	1	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, All U.S., 2013

¹ Industry data are based on the North American Industry Classification System, 2007.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

³ Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

Note: Data are preliminary. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, September 11, 2014